

Express Mail No.: EL964150515US  
Deposited On: 05/24/2004

5-25-04

IFW

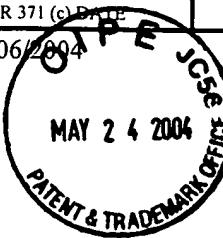


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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/774,242	02/06/2004	Patrick A. McKee	5820.646

30589  
DUNLAP, CODDING & ROGERS P.C.  
PO BOX 16370  
OKLAHOMA CITY, OK 73113



CONFIRMATION NO. 8624  
FORMALITIES LETTER  
  
\*OC000000012290267\*

Date Mailed: 04/06/2004

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS  
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE  
DISCLOSURES**

*Filing Date Granted*

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

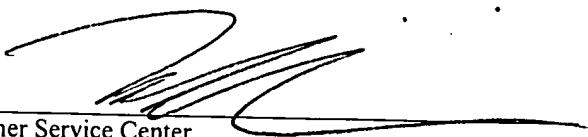
- This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c). Applicant must provide an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).

**For questions regarding compliance to these requirements, please contact:**

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

*A copy of this notice MUST be returned with the reply.*



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Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE





MAY 24 2004

~~Express Mail No.~~ EL964150515US

Deposited on: 05/24/2004

APPROVED  
for  
PTO DEPOSIT ACCOUNT CHARGE  
ACCOUNT #04-1700  
DUNLAP, CODDING & ROGERS, P.C.

Approved

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# TRANSMITTAL FORM

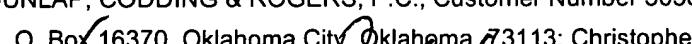
*(to be used for all correspondence after initial filing)*

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/774,242
		Filing Date	02/06/2004
		First Named Inventor	Patrick A. McKee et al.
		Group Art Unit	1653 (Conf. No. 8624)
		Examiner Name	Unknown
Total Number of Pages in This Submission		Attorney Docket Number	5820.646

**ENCLOSURES** *(check all that apply)*

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group	
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences	
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information	
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter	
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):	
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	See remarks below:	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund		
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____		
<input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<p>1. Transmittal (1 page); 2. Fee Transmittal (1 page) Authorizing the Commissioner is to charge any additional fee required and/or credit any overpayments to Deposit Account Name Dunlap, Coddling &amp; Rogers, P.C.;          3. Copy of Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (2 pages); 4. Response to Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (4 pages);          5. Attachments 1-5; 6. Preliminary Amendment (4 pages); 7. Sequence Listing (8 pages) including 3 1/2 inch disk; 8. Statement that paper and disk are same ( pages); and 9. Acknowledgment postcard</p>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	DUNLAP, CODDING & ROGERS, P.C., Customer Number 30589 P. O. Box 16370, Oklahoma City, Oklahoma 73113; Christopher W. Corbett
Signature	
Date	5/24/04

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail or U.S. Express mail no. EL96415051US in an envelope addressed to the address below on this date: 05/24/2004

Typed or printed name	Christopher W. Corbett, Reg. No. 36109
Signature	 Date 

SEND TO: **MS Missing Parts**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**



Express Mail No.: EL964150515US  
Date Deposited: 05/24/2004

APPROVED  
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PTO DEPOSIT ACCOUNT CHARGE  
ACCOUNT #04-1700

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032  
DUNLAP, CODDING & ROGERS, P.C. Trademark Office; U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 0)

## Complete if Known

Application Number	10/774.242
Filing Date	02/06/2004
First Named Inventor	Patrick A. McKee et al.
Examiner Name	Unknown
Art Unit	1653
Attorney Docket No.	5820.646

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

Deposit Account:

Deposit Account Number 04-1700  
Deposit Account Name Dunlap, Codding & Rogers, P.C.  
Customer No. 30589

The Commissioner is authorized to: (check all that apply)  
 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1) (\$ 0)</b>			

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
					\$0
					\$0
					\$0

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2) (\$ 0)</b>		

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$ 0)**

(Complete if applicable)

Name (Print/Type)	Christopher W. Corbett	Registration No. (Attorney/Agent)	36,109	Telephone (405) 607-8600
Signature		Date	05/24/2004	

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PO Box 1450, Alexandria, VA 22313-1450



EXPRESS MAIL RECEIPT NO.: EL964150515US  
DEPOSITED ON: May 24, 2004

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/774,242 Confirmation No.: 8624  
Applicant(s) : Patrick A. McKee, Kyung N. Lee,  
Kenneth W. Jackson and Victoria J. Christiansen  
Filed : 02/06/2004  
TC/Au : 1653  
Examiner : Unknown  
Title : ANTIPLASMIN CLEAVING ENZYME  
Docket No. : 5820.646  
Customer No. : 30589  
Express Mail No.: EL964150515US

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS  
FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE  
AND/OR AMINO ACID SEQUENCE DISCLOSURES  
MAILED April 6, 2004**

Sir:

This is in response to the Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed to the undersigned Agent on April 6, 2004, a copy of which is attached hereto as instructed.

The Notice advises as follows:

"This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c) applicant must provide an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application and a statement that the content of the sequence listing information recorded in computer readable for is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000)."

The Notice mailed April 6, 2004 advises that a paper or compact disc copy of the "Sequence Listing", as well an amendment directing its entry into the application and a statement that the content of the sequence listing is identical to the written sequence listing and includes no new matter, are required.

Applicants respond that the above mentioned documents were submitted along with the patent application on February 6, 2004. Attached hereto are copies of said documents.

1. Paper Copy of Sequence Listing (5 pages);
2. Copy of Statement That Content of the Paper and Computer Readable Copy are the Same and Contain No New Matter (2 pages);
3. Copy of Disk Mailer with label describing contents (1 page);

4. Copy of Utility Patent Application Transmittal with label describing contents in the bottom left corner of page (1 page); and
5. Copy of Return Postcard (front) listing all documents enclosed and (back) stating that "the PTO did not receive the following listed item(s): 5 pages of Sequence Listing".

**Remarks**

Applicants also submit herewith in a separate document, the Preliminary Amendment, an amended Table I on page 16 in the specification and an amendment to the Sequence Listing both of which include a new SEQ ID NO's: 12-20. The sequences represented as SEQ ID NO's:12-20 were already in the original specification in original Table I and thus do not constitute new matter.

Should any fees be required, the Commissioner is hereby authorized to charge Deposit Account No. 04-1700.

**Conclusion**

This is believed to be a complete response to the Notice mailed April 6, 2004. Applicants respectfully submit that the application is now in a condition for prosecution.

Respectfully submitted,



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Agent for Applicants